

I claim:

1. An aerosolized spray glaze composition for coating ceramic dental
5 restorations or additional forms of ceramics requiring a glazed surface, comprising (by
weight %):
about 4 to about 50% glass frit;
about 5 to about 60% wetting agent; and
about 10 to about 70% non-CFC propellant.
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2. The composition of claim 1, further comprising:
about 10 to about 45% opaque material.
3. The composition of claim 1, wherein at least about 70% of the glass frit has
15 a particle size of about 8 microns or less.
4. The composition of claim 1, wherein at least about 95% of the glass frit has
a particle size of about 20 microns or less.
- 20 5. The composition of claim 1, wherein at least about 90% of the glass frit has
a particle size of about 20 microns or less.

6. The composition of claim 1, wherein at least about 70% of the glass frit has a particle size of about 15 microns or less.

7. The composition of claim 1, wherein at least about 90% of the glass frit has a particle size of about 15 microns or less.

8. The composition of claim 1, wherein at least about 70% of the glass frit has a particle size of about 10 microns or less.

9. The composition of claim 1, wherein at least about 90% of the glass frit has a particle size of about 10 microns or less.

10. The composition of claim 1, comprising about 5 to about 20 weight % glass frit.

11. The composition of claim 1, comprising about 10 to about 45 weight % wetting agent.

12. The composition of claim 1, wherein the wetting agent is an alcohol.

13. The composition of claim 12, wherein the alcohol is selected from methyl alcohol, ethyl alcohol, isopropyl alcohol, mixtures thereof.

14. The composition of claim 1, wherein the non-CFC propellant is a hydrocarbon propellant.

5 15. The composition of claim 14, wherein the hydrocarbon propellant is selected from the group consisting of isobutene, butane, and mixtures thereof.

16. The composition of claim 1, comprising (weight %):
about 5 to about 20% glass frit;
10 about 15 to about 45% wetting agent; and
about 40 to about 90% non-CFC propellant.

17. The composition of claim 16, further comprising:
about 5 to about 40% opaque material.

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18. The composition of claim 16, wherein at least about 90% of the glass frit has a particle size of about 25 microns or less.

19. The composition of claim 1, comprising (weight %):
20 about 13% opaque material;
about 26% wetting agent; and
about 60% non-CFC propellant.

20. The composition of claim 19, further comprising:
about 10 to about 45% opaque material.

5 21. The composition of claim 19, wherein at least 90% of the glass frit has a
particle size of about 25 microns or less.

22. A spray opaque composition for coating dental restorations comprising
(weight %):
10 about 5 to about 50% glass frit particles;
about 5 to about 40% particle opaque material;
about 10 to about 60% wetting agent selected from a group consisting of methyl
alcohol, ethyl alcohol, isopropyl alcohol and any mixtures thereof; and
about 10 to about 90% non-CFC propellant.

15 23. The composition of claim 22, wherein at least about 70% of the opaque
material has a particle size of about 25 microns or less.

24. The composition of claim 22, wherein at least about 70% of the opaque
20 material has a particle size of about 20 microns or less.

25. The composition of claim 22, wherein at least about 90% of the opaque material has a particle size of about 20 microns or less.

26. The composition of claim 22, wherein at least about 70% of the opaque material has a particle size of about 15 microns or less.

27. The composition of claim 22, wherein at least about 90% of the opaque material has a particle size of about 15 microns or less.

28. The composition of claim 22, wherein at least about 70% of the opaque material has a particle size of about 10 microns or less.

29. The composition of claim 22, wherein said composition in weight percent includes 15% to 30% opaque material, 15% to 60% alcohol wetting agent, 10% to 55% propellant.

30. A method of applying an aerosolized composition to a surface, comprising:

providing a canned aerosolized spray glaze formulation that comprises (by weight %) about 5 to about 50% glass frit; about 5 to about 60% wetting agent; and about 10 to about 70% non-CFC propellant;

spraying the aerosolized composition onto the surface of an object; and

firing the object to set the glaze.

31. The method of claim 30, wherein the object is a dental restoration, ceramic object, pottery.

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32. A method of applying an opaque coating to a dental restoration, comprising:

providing a canned aerosolized spray opaque formulation that comprises (by weight %) about 10 to about 30% glass frit; 10 about to 40% opaque material; about 10
10 about to 60% wetting agent selected from a group consisting of methyl alcohol, ethyl alcohol, isopropyl alcohol, and any mixtures thereof; and about 10 about to 70% non-CFC propellant;
spraying the aerosolized composition onto the dental restoration; and
firing the restoration to set the opaque formulation.

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33. A method of preparing a dental restoration, comprising:

providing a metal dental restoration

providing a canned aerosolized spray opaque composition that comprises (by weight %) about 10 to about 40% opaque material; about 10 to about 60% wetting agent
20 selected from a group consisting of methyl alcohol, ethyl alcohol, isopropyl alcohol, and any mixtures thereof; and about 10 to about 70% non-CFC propellant;

providing an aerosolized spray glaze composition that comprises (by weight %)
about 5 to about 50% glass frit; about 5 to about 60% wetting agent; and about 10 to about
70% non-CFC propellant;

- 5 spraying the aerosolized spray opaque composition onto the dental restoration to
 provide an opaque coating;
 firing the restoration to set the opaque coating;
 building a porcelain restoration body over the opaque coating to provide a porcelain
restoration;
 grinding the porcelain restoration body to resemble a human tooth restoration;
- 10 firing the ground porcelain restoration body to set the porcelain;
 spraying the aerosolized spray glaze composition onto the ground porcelain body to
form a glazed restoration; and
 firing the glazed restoration to set the glaze.

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